Table 7.4 – Generation and Transmission/Distribution Losses

(Billion kWh)

	1980	1990	2000	2001	2002	2003	2010	2020	2025
Net Generation Delivered	2,290	3,038	3,802	3,737	3,858	3,848	4526	5314	5770
Generation Losses [1]	4,859	6,305	7,793	7,578	7,767	7,769	8,302	9,278	9,890
Transmission and Distribution Losses [2]	N/A	93	81	74	94	46	37	34	36

Sources: Calculated from EIA, *Annual Energy Review 2003*, DOE/EIA-0384(2003) (Washington, D.C., September 2004), Tables 8.1, 8.2a and 8.4a, and EIA, *Annual Energy Outlook 2005*, DOE/EIA-0383(2005) (Washington, D.C., February 2005), Tables A2 and A8.

Notes:

[1] Generation Losses for all years are calculated by calculating a Gross Generation value in billion kWh by multiplying the energy input in trillion Btu by (1000/3412) and subtracting the Net Generation in billion kWh from the Gross Generation estimate.

[2] Transmission and Distribution Losses = Electricity Needed to be Transmitted - Electricity Sales, where Electricity Needed to be Transmitted = Total Generation from Electric Generators + Cogenerators + Net Imports - Generation for Own Use. Represents energy losses that occur between the point of generation and delivery to the customer, and data collection frame differences and nonsampling error.